34. The method of claim 1, wherein the composition further comprises at least one polyol.

35. The method of claim 34, wherein the polyol is selected from the group consisting of propylene glycol, polyethylene glycol, ethylene glycol, diethylene glycol, triethylene glycol, dipropylene glycol and glycerol.

36. The method of claim 34, wherein the polyol is propylene glycol.

37. The method of claim 1, wherein the composition further comprises at least one amide.

38. The method of claim ~~38~~ 37, wherein the amide is selected from the group consisting of urea, dimethylacetamide, diethyltoluamide, dimethylformamide, dimethyloctamide, dimethyldecamide, hexamethylenelauramide, diethanolamine, and triethanolamine.

39. The method of claim 38, wherein the amide is dimethylformamide.

40. The method of claim 1, wherein the concentration of hydrogen peroxide is at least 40 percent.

41. The method of claim 1, wherein the composition further comprises at least one surfactant.

42. The method of claim 41, wherein the surfactant is selected from the group consisting of sodium laurate, sodium lauryl sulphate, cetyltrimethyl ammonium bromide, tetradecyltrimethylammonium bromide, benzalkonium chloride, octadecyltrimethylammonium chloride, cetylpyridinium chloride, dodecyltrimethylammonium chloride, hexadecyltrimethylammonium chloride, Poloxamer (231, 182, 184), Brij (30, 93, 96,99), Span (20, 40, 60, 80), Myrj (45, 51, 52),

hydroxyisobutyric acid, mucic acid, atrolactic acid, glucoheptonic acid, gluconic acid, glyceric acid, quinic acid, glyceruric acid, threuric acid, erythreuric acid, xyluric acid, lyxuric acid, arabinuric acid, riburic acid, iduric acid, guluric acid, mannuric acid, altruric acid, alluric acid, taluric acid, xylaric acid, lyxaric acid, trihydroxybutanoic acid, pentahydroxyhexanoic acid, and hexahydroxyheptanoic acid.

17. The method of claim 16, wherein the organic acid is L-lactic acid.

18. The method of claim 1, wherein the composition further comprises at least one hormone.

19. The method of claim 18, wherein the hormone is selected from the group consisting of dehydroepiandrosterone, progesterone, estrogen, melatonin, testosterone, pregnenolone, thyroid hormone, thymus hormone, and human growth hormone.

20. The method of claim 19, wherein the hormone is melatonin.

21. The method of claim 1, wherein the composition further comprises at least one sulfoxide.

22. The method of claim 21, wherein the sulfoxide is selected from the group consisting of dimethylsulfoxide, methyl sulfonyl methane and decylmethylsulfoxide.

23. The method of claim 22, wherein the sulfoxide is dimethylsulfoxide.